



UNITED STATES DEPARTMENT OF AGRICULTURE
RURAL DEVELOPMENT

FOOTING INSPECTION CHECKLIST

This guide may not be all inclusive of work to be inspected but will assist in general areas that are sometimes overlooked.

ALWAYS TAKE YOUR PLANS AND SPECIFICATIONS. DIFFERENT DESIGNERS HAVE DIFFERENT BUILDING TECHNIQUES.

Footing Inspection (site preparation) Checklist

- _____ Is there water, debris, or clumps of dirt in the footing trench?
- _____ Does the size of the excavation for the footing conform to the plans and specifications?
- _____ Are there any apparent deficiencies in grading and drainage?
- _____ Does the site present any constraints, barriers or difficulties for handicapped access? For example, does rough grading appear to be too high or low.
- _____ Was there any subsurface water uncovered during excavation?
- _____ Are the footing excavations located properly on site?
- _____ Are the bearing soil conditions uniformly solid?

Footing Inspection (footings) Checklist

- _____ Is the footing bed prepared with the proper granular fill material (gravel)? (if needed)
- _____ Footing Bearing Soil: Footing bearing is on undisturbed soil which appears to be 2000 psf or better soil. The bearing soil is flat (not to exceed 1:10 slope in footing trench) firm and consistent.
- _____ Concrete foundation walls should have #4 re-bar top, bottom and middle horizontally (4' on center vertical if wall is over 4' high).
- _____ For basement slab or slab floor house there should be 4" of sand or washed gravel fill, plumbing stubbed through fill, termite treatment made, .006 mil visqueen and 6 x 6 #10 10 WWM.
- _____ Are the drain pipes stubbed through the slab areas Schedule 40?
- _____ Are the copper water lines stubbed up covered with foam wrap or equivalent to prevent contact with the concrete?
- _____ Are the footing sizes and alignments in accordance with the drawings?

- _____ Are the reinforcing rods positioned in the footing trench as per the plans and

- _____ specifications?
- _____ Are the reinforcing rods of the proper quality required in the plans and specifications?
- _____ Are the footings located below the frost line?
- _____ Insure the footing depth and width is per the plans.
- _____ Are the footing corners square at the bottom of the trench?
- _____ Is there a Sch. 40 pipe in the bottom of the trench for future sewer/water connections?
- _____ Is the perimeter drainage system in place as per the plans and specifications?
- _____ Exterior concrete slabs: Slabs, sidewalks, driveways, garage floors or any concrete slab that is exposed to the elements shall be constructed with 3500 psi concrete (6 bag, 6 gallon mix) concrete and reinforced with 6 x 6 # 10 10 welded wire mesh or #4 re-bar on a 36" grid, minimum. Construction joints not to exceed 20'.

_____ Are the underslab utilities in place?

_____ Are public utility connections properly installed as per the plans and specifications?

_____ Did the proper authorities inspect the utility connections? (City, County etc.)

_____ Is there documentation of plumbing system testing on site?

_____ If the utilities have been moved from the original design location, is there a Change Order provided for the relocation?

[illegible]